Inventor: Tohru YAMADA
Docket No.: 10873.1268US01
Title: SOLID-STATE IMAGING DEVICE AND METHOD FOR PRODUCING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
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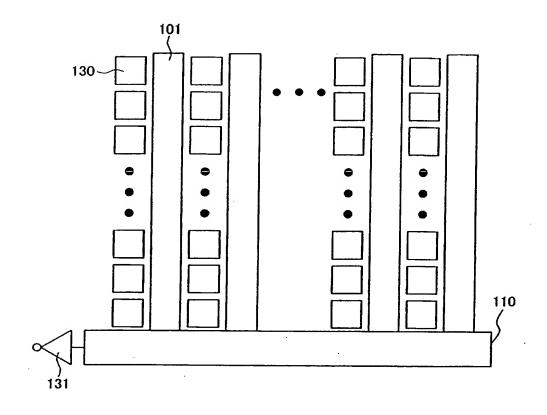


FIG. 1

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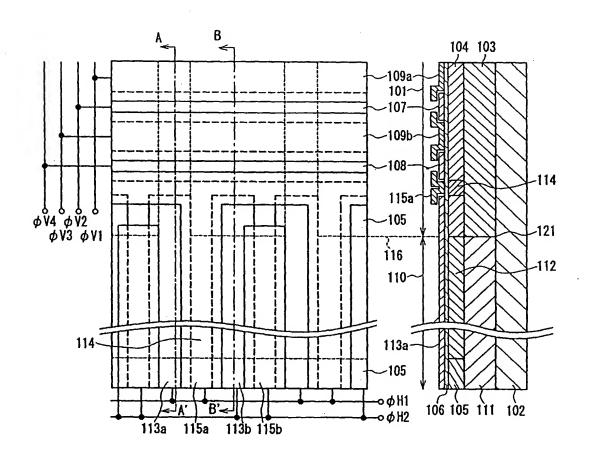


FIG. 2A

FIG. 2B

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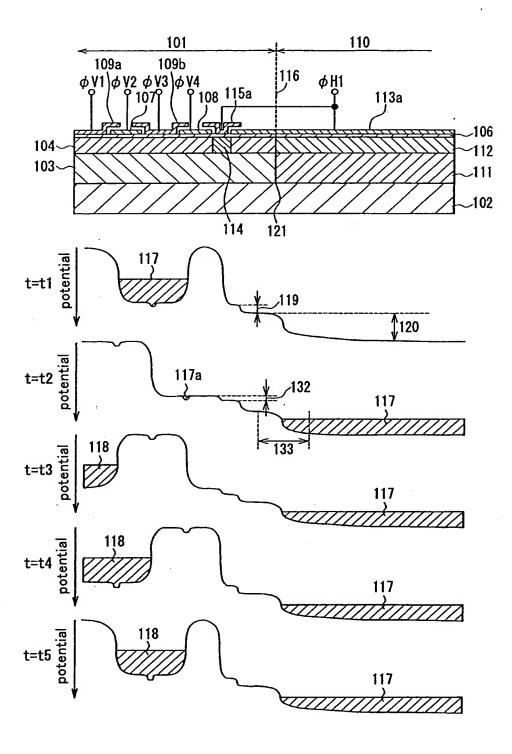


FIG. 3

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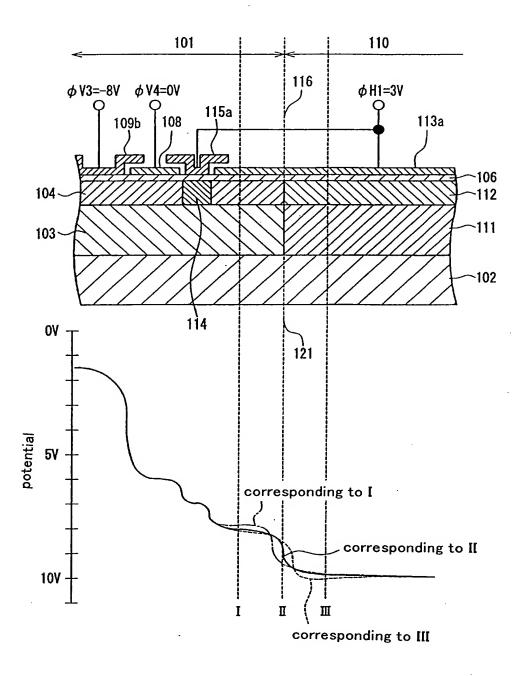
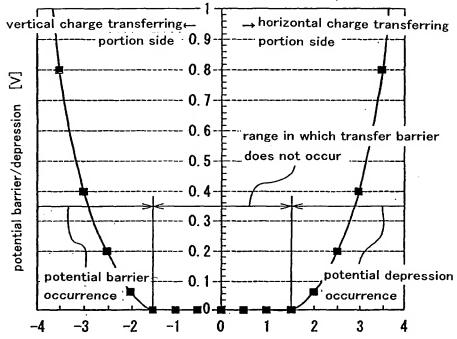


FIG. 4

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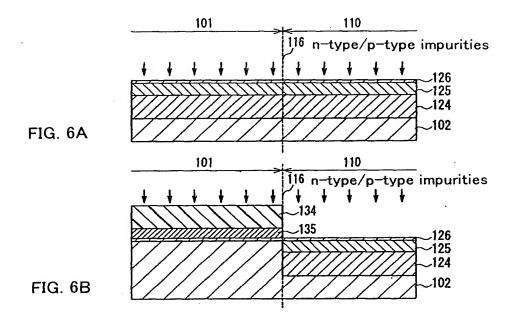
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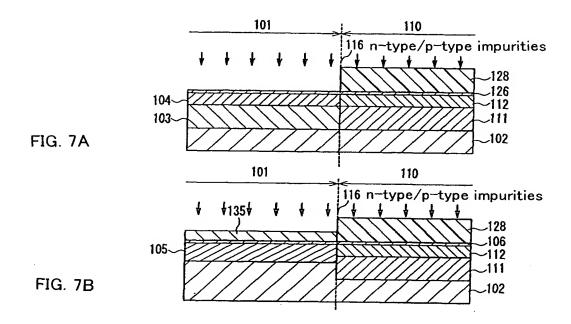
shift amount [μ m] of boundary between vertical transfer channel and horizontal transfer channel from end portion of element separating region

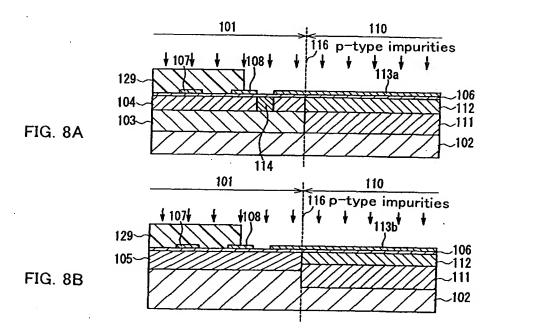
FIG. 5

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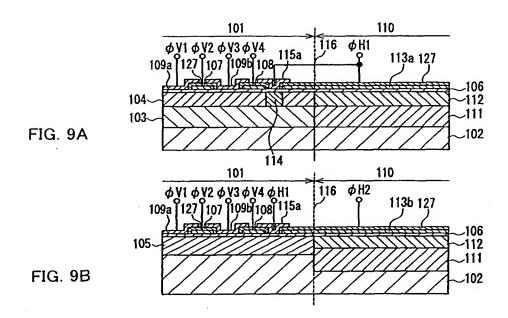


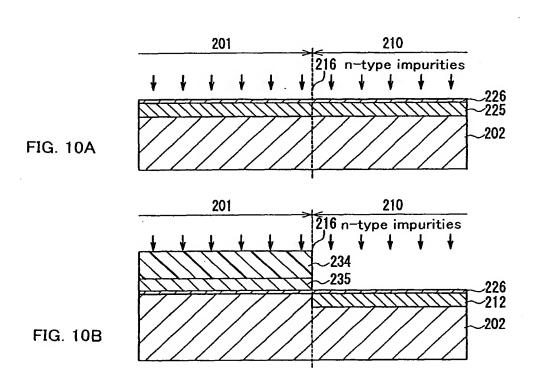
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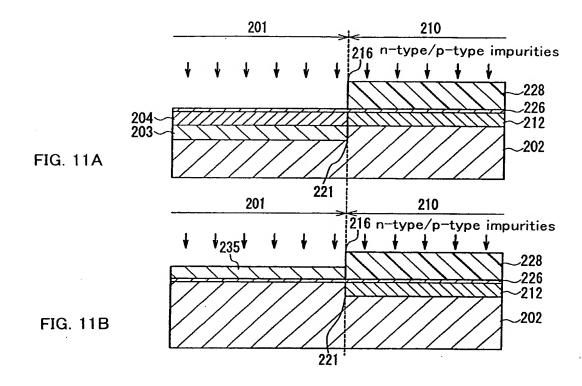
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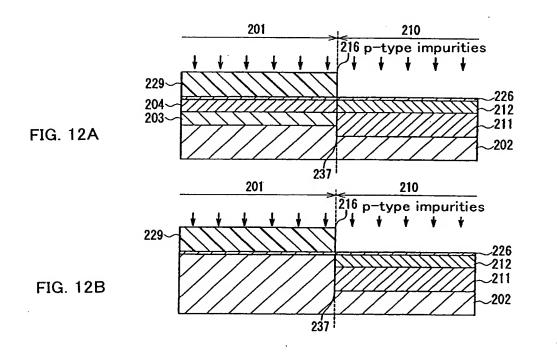




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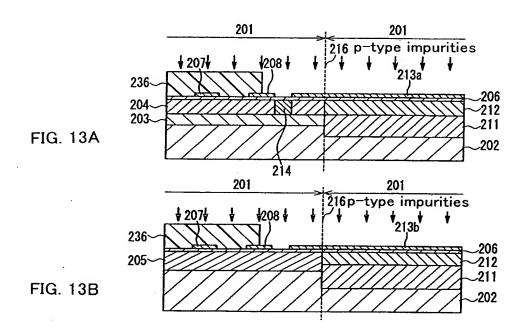
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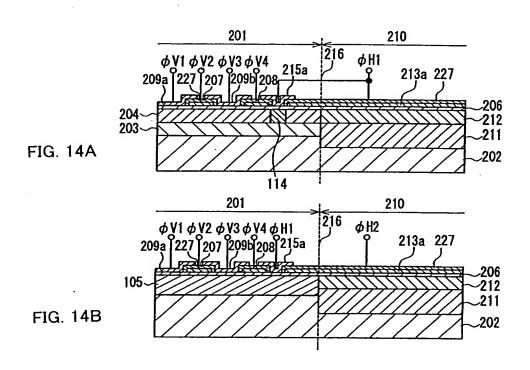




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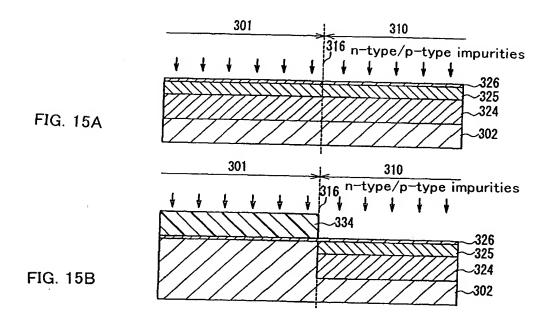
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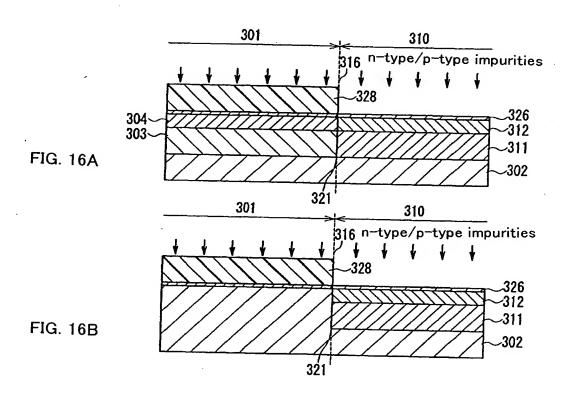




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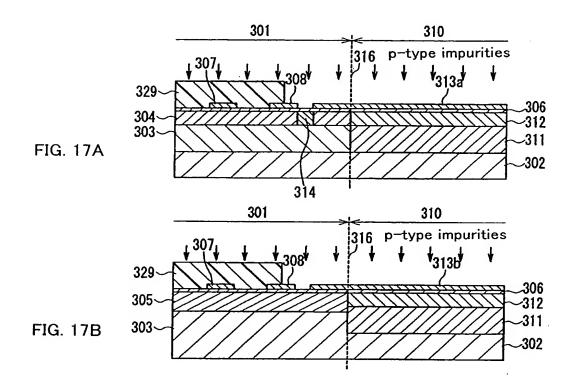


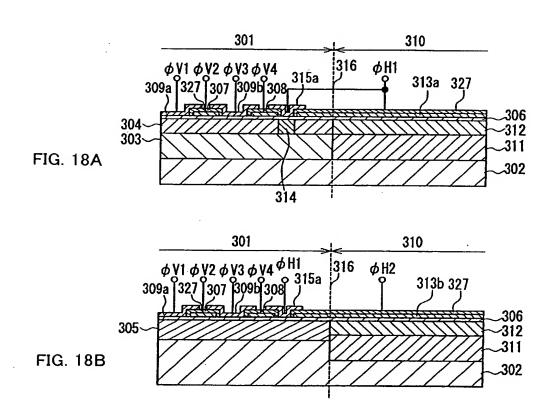


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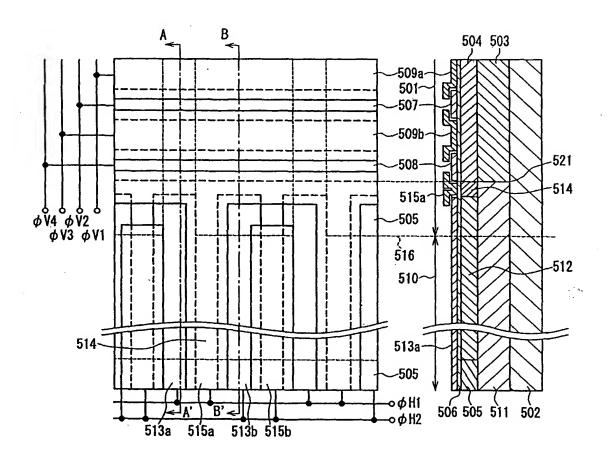


FIG. 19A PRIOR ART

FIG. 19B PRIOR ART

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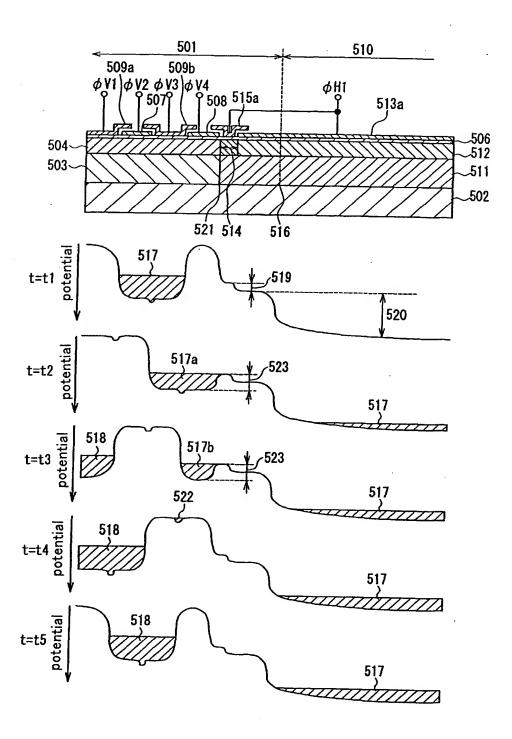


FIG. 20 PRIOR ART

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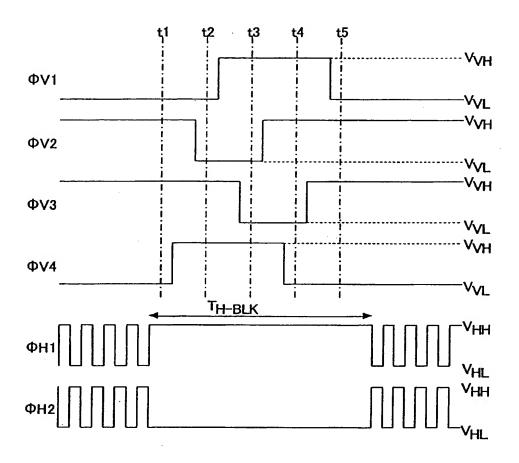
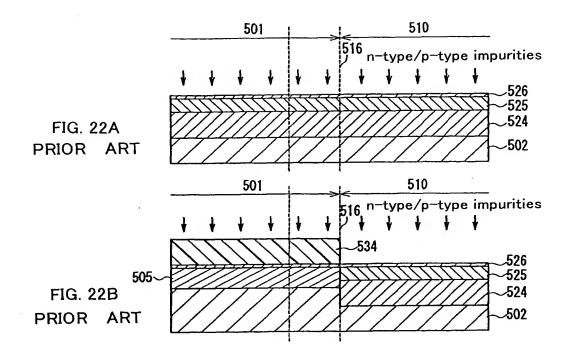


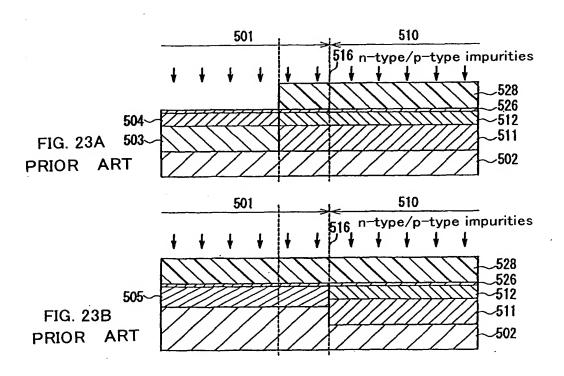
FIG. 21

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